C2. Tank Displacement Rate Calculations / Truck Loading Logs

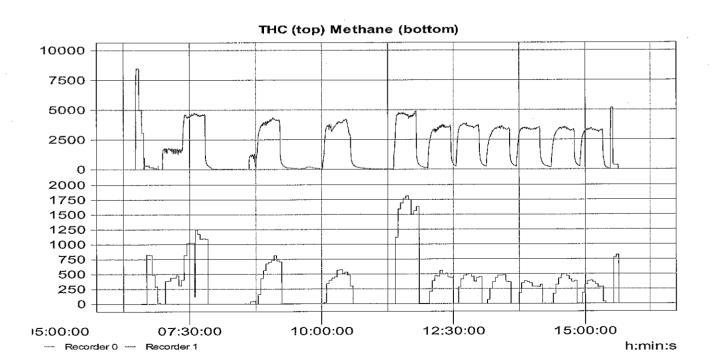


Sprague Searsport - Residual Loading Rack Tank Air Displacement Calculations

31-Jul-12

Truck	Start	End	Load Time	Load	Fill Rate	Displacement	NMHC	NIMHC	NMHC
No.	Time	Time	(minutes)	(gallons)	(gal/hr)	(sefm)	(lb/hr)	(lb/load)	(Ton/load)
1	7:21	7:46	26	8285	19119	42.6	1.17	0.509	2.54E-04
2	8:47	9:11	25	8291	19898	44.3	1.12	0.468	2.34E-04
3	10:02	10:32	31	8291	16047	35.8	0.83	0.430	2.15E-04
4	11:23	11:46	24	8283	20708	46.1	1.25	0.500	2.50E-04
5	12:02	12:26	25	8291	19898	44.3	0.97	0.406	2.03E-04
6	12:34	12:59	26	8293	19138	42.6	0.99	0.428	2.14E-04
7	13:08	13:33	26	8298	19149	42.7	0.89	0.387	1.93E-04
8	13:43	14:07	25	8293	19903	44.3	0.98	0.407	2.04E-04
9	14:23	14:46	24	8292	20730	46.2	0.99	0.396	1.98E-04
10	14:55	15:19	25	8294	19906	44.3	0.94	0.390	1.95E-04
	Average:		26	8291	19450	43.3	1.01	0.432	2.16E-04

Note: One Gallon = 0.13368 cubic feet



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BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 FOR EMERGENCY spill, leak, fire, exposure or accident, CALL CHEMTREC: 800-424-9300 DAY or NIGHT

earsport, ME 0 77) 548-2531

Penalty for Taxable Use

PO # _

This is to certify that the herein named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to applicable regulations of the D.O.T.

Carrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity herein described.

Received subject to tariffs or contract in effect this date. Material safety data sheet available upon request.

Inis licker/p	on is subject	co correction,		ccions and com	merco.				
SIGNATURE OF	DRIVER:	FPE	Test						
DATE SIGNED: TIME:	07/31/2012 07:46:20 AM								
DRIVER NAME:	Al	vin Littlefield	l						
F	08101 (5061 Mc Corporat Crocketts Po		429	Rockland		#	ME 0484	<u> </u>	
TRUCK NO. TRUCK LICENSE NO.			0.	TRAILER NO.	263	TRAILER L	icense no. T263		
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.		CARRIER		
3030 Orio	46185 ginal	07:03:01 07:39:12	07/31/2012	2	7642	H. O. 1 21178	Bouchard		
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 50617450 Fmc Corporation Crocketts Point Po#4442429 Rockland ME 04841					
PRODUCT CODE		PRODUCT DESCR	IPTION	OCT.	TEMP GR	AVITY GROSS	GALLONS N	ET GALLONS	
	6, 3, COMBUS	TIBLE LIQUI	D, NA 1993,	P.G. III	127,5	10.2	8,502	8,285	

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BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road

Searsport, ME 04974

07) 548-2531

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SIGNATURE OF DRI	VER:	X								
DATE SIGNED: 0	7/31/2012 .0:00:03 AM									
DRIVER NAME:	Alv	in Littlefield	ı							
	999 (99999 ague Meter ndy Road			Sear	sport		PO #	ME 04	974	
TRUCK NO.	TRUCK LICENSE NO.			TRAILER NO. 00263			TRA	TRAILER LICENSE NO. T263		
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPO.	t I	DRIVER NO	5.	CARRIE	PR	
3030 Origin	46187 nal	08:29:07 09:03:17	07/31/2012	2	1	7642		O. Bouchai 178	rd	
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 999999999 Sprague Meter Testing Trundy Road Searsport ME 04974					974	
PRODUCT CODE		PRODUCT DESCRI	PTION		OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS	
FUEL OIL #6, 620 #6 Penalty for Taxabl PO #	OIL - 2.09		O, NA 1993,	P.G. II	I	126.0	10.2	8,503	8,291	

Sprague Se

BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 FOR EMERGENCY spill, leak, fire, exposure or accident, CALL CHEMTREC: 800-424-9300 DAY or NIGHT

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		o dolladelon,	special impact	ccions a	ice Comine	mus.					
SIGNATURE OF D	RIVER:	X									
DATE SIGNED: TIME:	07/31/2012 02:54:54 PM										
DRIVER NAME:	Alv	in Littlefield									
	9999 (99999 orague Meter						PO #				· · · · · · · · · · · · · · · · · · ·
Trundy Road					Searsport				ME 04974		
TRUCK NO.		TRUCK LICENSE NO.			TRAILER NO. 00263			TRAILER LICENSE NO. T263			
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT DRIVER NO. CARRIER				R	· · · · · · · · · · · · · · · · · · ·		
3030 Orig	46190 inal	09:52:33 10:20:02	07/31/2012	2		7642		0. 1 178	Bouchar	ď	
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 999999999 Sprague Meter Testing Trundy Road Searsport ME 04974							
PRODUCT CODE		PRODUCT DESCRI			OCT,	TEMP	GRAVITY	GROSS	GALLONS	NET	GALLONS
620 #-	6 OIL - 2.0	FIBLE LIQUID % SULFUR), NA 1993,	P.G. II	Ί	125.4	10.2		8,501		8,291
PO #											



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Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road

Searsport, ME 04974

`07) 548-2531

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SIGNATURE OF DRIVER:	4	****							
DATE SIGNED: 07/31/2012 TIME: 02:55:46 PM									
DRIVER NAME: Tec	l Drew								
DESTINATION 999999 (99999 Sprague Meter					PO #				
Trundy Road			Searspor	·t		ME 04974			
TRUCK NO.	UCK NO. TRUCK LICENSE NO.			TRAILER NO. 00059			3		
TERM NO. BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO),	CARRIE	R		
3030 46191 Original	11:13:02 11:38:55	07/31/2012	2	7517		O. Bouchar 178	îd		
E.P.A. # 4101 2 International Portsmouth	Drive	ces LLC 03801-6809	Trui	99999 ague Mete ndy Road rsport	r Test	ing ME 04	974		
PRODUCT CODE	PRODUCT DESCRI	PTION	OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS		
FUEL OIL #6, 3, COMBUS 620 #6 OIL - 2.0 Penalty for Taxable Use PO #		D, NA 1993,	P.G. III	128.0	10.2	8,502	8,283		

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Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 07) 548-2531

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THIS ILCNEC/E	on is subject (.o correction,	special instru	crions and com	ments.				
SIGNATURE OF	DRIVER:	7							
DATE SIGNED:	07/31/2012 02:54:38 PM								
DRIVER NAME:	Alv	vin Littlefield	l.						
٤	99999 (99999 Sprague Meter					PO #			
Trundy Road				Searspor	t		ME 04974		
TRUCK NO.	•	TRUCK LICENSE NO).	TRAILER NO.	TRAILER LICENSE NO. T263				
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO	5.	CARRIE	R	
3030 Ori	46192 ginal	11:51:30 12:18:21	07/31/2012	2	7642		O. Bouchar 178	:d	
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 9999 Spra Trun Sear	ing ME 04	974			
PRODUCT CODE		PRODUCT DESCRI	PTION	OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS	
620 Penalty for Tax	6, 3, COMBUS #6 OIL - 2.0 able Use	% SULFUR), NA 1993,	P.G. III	125.4	10.2	8,501	8,291	

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 (207) 548-2531

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Received subject to tariffs or contract in effect this date. Material safety data sheet available

DATE SIGNED: 07/31/2012 TIME: 02:55:30 PM DRIVER NAME: Ted Drew DESTINATION 999999 (9999999) Sprague Meter Testing Trundy Road Searsport ME 0490 TRUCK NO. TRUCK LICENSE NO. TRAILER NO. TRAILER NO.			
TIME: 02:55:30 PM DRIVER NAME: Ted Drew DESTINATION 999999 (99999999) Sprague Meter Testing Trundy Road Searsport ME 049			
DESTINATION 999999 (99999999) Sprague Meter Testing Trundy Road TRUCK NO. TRUCK NO.			
Sprague Meter Testing Trundy Road Searsport ME 049			
TRUCK NO. TRICK I TORNER NO.	74		
	TRAILER LICENSE NO.		
TERM NO. BOL NO. TIME IN/OUT DATE SPOT DRIVER NO. CARRIER	·		
3030 46193 12:24:15 07/31/2012 2 7517 H. O. Bouchard Original 12:58:31 21178			
SHIPPER 1 Sprague Operating Resources LLC CONSIGNEE 99999999999 E.P.A. # 4101 Sprague Meter Testing Trundy Road Portsmouth NH 03801-6809 Searsport ME 0497	74		
PRODUCT CODE PRODUCT DESCRIPTION OCT. TEMP GRAVITY GROSS GALLONS N	ET GALLONS		
FUEL OIL #6, 3, COMBUSTIBLE LIQUID, NA 1993, P.G. III 620 #6 OIL - 2.0% SULFUR Penalty for Taxable Use PO #	8,293		



BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 97) 548-2531 FOR EMERGENCY spill, leak, fire, exposure or accident, CALL CHEMTREC: 800-424-9300 DAY or NIGHT

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Received subject to tariffs or contract in effect this date. Material safety data sheet available upon request.

IIIIs IICAGU/	Bon is subject (to correction,	special instru	etions and com	ments.				
SIGNATURE OF	DRIVER:	<u> </u>	NO.	· · · · · · · · · · · · · · · · · · ·					
DATE SIGNED: TIME:	07/31/2012 02:54:10 PM								
DRIVER NAME:	Alv	in Littlefield	l .						
	999999 (99999 Sprague Meter Trundy Road			Convence	PO	#	WE 04	054	
				Searsport	L-		ME 04974		
TRUCK NO.		TRUCK LICENSE N	0.	TRAILER NO. TRAILER LICENSE T2			LICENSE NO T263		
TERM NO.	BOL NO.	TIME IN/OUT	DATE	SPOT	DRIVER NO.		CARRIE	R	
3030 Ori	46195 iginal	12:58:49 13:25:19	07/31/2012	2	7642	H. O. 21178	Bouchar	·d	
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 999999999 Sprague Meter Testing Trundy Road Searsport ME 0497					
PRODUCT CODE		PRODUCT DESCRI	PTION	OCT.	TEMP GRAV	VITY GROS	S GALLONS	NET GALLONS	
FUEL OIL ;	\$6, 3, COMBUS	TIBLE LIQUII	D, NA 1993,	P.G. III				,	
620	#6 OIL - 2.0	% SULFUR			123.5 10	0.2	8,502	8,298	
Penalty for Ta PO #	axable Use				·				
		·							



Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road Searsport, ME 04974 '07) 548-2531

BILL OF LADING or DELIVERY TICKET

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SIGNATURE OF DRIVER:	<i>'</i>								
DATE SIGNED: 07/31/2012 TIME: 02:55:14 PM									
DRIVER NAME: Tec	l Drew								
DESTINATION 999999 (99999) Sprague Meter Trundy Road			Sear	sport		PO #	ME 04	974	
TRUCK NO.				TRAILER NO.			TRAILER LICENSE NO. 28313		
TERM NO. BOL NO.	TIME IN/OUT	DATE	SPO!	r	DRIVER NO).	CARRIE	R	
3030 46196 Original	13:33:01 13:59:41	07/31/2012	2		7517		O. Bouchar 178	rd	
SHIPPER 1 Sprague Opera E.P.A. # 4101 2 International Portsmouth	Drive	es LLC 03801-6809	CONSIGNEE	Sprag Trunc	9999 gue Mete ly Road sport	r Test	ing ME 04	974	
PRODUCT CODE	PRODUCT DESCRI	PTION		OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS	
FUEL OIL #6, 3, COMBUS 620 #6 OIL - 2.0 Penalty for Taxable Use PO #		, NA 1993,	P.G. II	.T	125.0	10.2	8,502	8,293	

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BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road

Gearsport, ME 04974

)7) 548-2531

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SIGNATURE OF DRIVER:			
DATE SIGNED: 07/31/2012 TIME: 02:53:51 PM			
DRIVER NAME: Alvin Littlefield			
DESTINATION 999999 (99999999)	0 #		
Sprague Meter Testing Trundy Road Searsport	ME 04974		
TRUCK NO. TRUCK LICENSE NO. TRAILER NO. 00263	TRAILER LICENSE NO. T263		
TERM NO. BOL NO. TIME IN/OUT DATE SPOT DRIVER NO.	CARRIER		
3030 46197 14:11:53 07/31/2012 ² 7642 Original 14:38:40	H. O. Bouchard 21178		
SHIPPER 1 Sprague Operating Resources LLC CONSIGNEE 99999999999999999999999999999999999	ME 04974		
PRODUCT CODE PRODUCT DESCRIPTION OCT. TEMP GI	RAVITY GROSS GALLONS NET GALLONS		
620 #6 OIL - 2.0° BOLLOK	10.2 8,501 8,29		
Penalty for Taxable Use PO #			



BILL OF LADING or DELIVERY TICKET

Sprague Operating Resources LLC

Searsport (E.P.A. # 82429) Trundy Road

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Searsport, ME 04974 07) 548-2531

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×								
d Drew								
DESTINATION 999999 (99999999) Sprague Meter Testing								
Trundy Road					ME 04	974		
TRUCK LICENSE NO	ο.	TRAILER NO. 00059			TRAILER LICENSE NO. 28313			
TIME IN/OUT	DATE	SPOT	DRIVER NO	· .	CARRIE	R		
14:45:00 15:11:13	07/31/2012	2	7517			rd		
SHIPPER 1 Sprague Operating Resources LLC E.P.A. # 4101 2 International Drive Portsmouth NH 03801-6809				CONSIGNEE 999999999 Sprague Meter Testing Trundy Road Searsport ME 04974				
PRODUCT DESCRI	PTION	OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS		
TIBLE LIQUII % SULFUR	D, NA 1993,	P.G. III	124.6	10.2	8,502	8,294		
	TRUCK LICENSE NOT THE IN/OUT 14:45:00 15:11:13 Iting Resource NH PRODUCT DESCRIPTIBLE LIQUII	Drew TRUCK LICENSE NO. TIME IN/OUT DATE 14:45:00 07/31/2012 15:11:13 Ting Resources LLC Drive NH 03801-6809 PRODUCT DESCRIPTION TIBLE LIQUID, NA 1993,	d Drew 9999) r Testing Searsport TRUCK LICENSE NO. TRAILER NO. 000 TIME IN/OUT DATE SPOT 14:45:00 07/31/2012 2 15:11:13 ting Resources LLC CONSIGNEE 9999 Spra Trun NH 03801-6809 Sear PRODUCT DESCRIPTION OCT.	d Drew 9999) r Testing Searsport TRUCK LICENSE NO. TRAILER NO. 00059 TIME IN/OUT DATE SPOT DRIVER NO. 14:45:00 07/31/2012 2 7517 15:11:13 Sting Resources LLC Drive Onive NH 03801-6809 PRODUCT DESCRIPTION OCT. TEMP STIBLE LIQUID, NA 1993, P.G. III	### Propuct Description Propugation Prop	### PO #### PO ##### PO ###### PO ###### PO ###### PO ########		